

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION: Stuart A. KUSHON et al.

GROUP ART UNIT: 1645

SERIAL NUMBER: 10/712,004

EXAMINER:

FILED: November 14, 2003



FOR: METHODS OF BIOSENSING USING FLUORESCENT POLYMERS AND QUENCHER-TETHER-LIGAND BIOCONJUGATES

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97

Assistant Commissioner for Patents
PO BOX 1450
ALEXANDRIA, VA 22313-1450

Sir:

Applicant(s) wish(es) to disclose the following information.

REFERENCES

- Applicant(s) wish(es) to make of record the documents listed on the attached Form PTO-1449. Copies of the listed documents are attached, where required, as are either statements of relevancy or any readily available full or partial English translations of any non-English-language documents.

RELATED CASES

- Attached is a list of Applicant's(s') pending applications and issued patents which may be related to the present application. Copies of the documents, where required, are attached along with Form PTO-1449.

CERTIFICATION

The undersigned certifies that

- ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign or international patent office in a counterpart foreign or international application for the first time (to the knowledge of the undersigned, having made reasonable inquiry) not more than three months prior to the filing of this statement.
- ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign or international patent office in a counterpart foreign or international application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement.

BASIS FOR CONSIDERATION

This Information Disclosure Statement is filed:

- ☐ without fee and within three months of the filing date of the application.
- ☐ without fee and within three months of the date of entry of the U.S. national stage.
- without fee and before the mailing date of a first Office Action on the merits (to the knowledge of the undersigned).
- ☐ without fee and with the appropriate certification above.
- ☐ without fee and with a new CPA application.
- ☐ without fee and with a Request for Continued Examination.
- ☐ with fee and before the mailing date of any of a Final Office Action, Notice of Allowance or an action that otherwise closes prosecution (to the knowledge of the undersigned).
- ☐ with fee, appropriate certification above, and before payment of the Issue Fee.

DEPOSIT ACCOUNT

- Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 50-1442.

Respectfully submitted,

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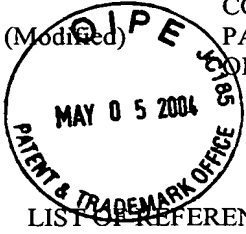
DOCKET NO.: 8971-035-27

LIST OF RELATED CASES

Docket Number	Serial or Patent Number	Filing or Issue Date	Status or Patentee
8971-017-27	09/934,680 2002-0177136 A1	August 23, 2001 November 28, 2002	Published
8971-024-27	10/098,387 2002-0150759 A1	March 18, 2002 October 17, 2002	Published
8971-026-27	10/226,300 2003-0054413 A1	August 23, 2002 March 20, 3003	Published
✓ 8971-032-27	10/621,311	July 18, 2003	Pending
*8971-035-27	10/712.004	November 14, 2003	Pending
✓ 8971-039-27 DIV	10/811,129	March 29, 2004	Pending

The cases listed on this Notice of Related Cases include cases which may contain information that is material to patentability. The listing of a case on this Notice should not be taken as an indication or admission that any information contained therein is material. Prior art for each case listed on this Notice may have been cited. **The files corresponding to the listed cases, which are available to the Examiner, may not have not been examined to ascertain the materiality of any prior art therein.** Accordingly, the Examiner is requested to review the file for each case listed on this Notice in order to assess the materiality of such prior art.

*Present application; listed for information.

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		DOCKET NO. 8971-035-27		SERIAL NO. 10/712,004	
		APPLICANT Stuart A. KUSHON et al.					
		FILING DATE November 14, 2003				GROUP ART UNIT 1645	
LIST OF REFERENCES CITED BY APPLICANT (Use Several Sheets if Necessary)							
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	2002/0177136 A1	11/2002	McBRANCH et al.			
	AB	2002/0150759 A1	10/2002	JONES et al.			
	AC	2003/0054413 A1	03/2003	KUMARASWAMY et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY		TRANSLATION YES NO	
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AD	ANNE et al., "High-Throughput Fluorogenic Assay for Determination of Botulinum Type B Neurotoxin Protease Activity", Analytical Biochemistry, 291, pp: 253-61 (2001).					
	AE	CUMMINGS et al., "A Peptide Base Fluorescence Resonance Energy Transfer Assay for Bacillus Anthracis Lethal Factor Protease", Proc. Natl. Acad. Sci. 99, pp: 6603-06 (2002).					
	AF	MOCK et al., "Progress in Rapid Screening of Bacillus Anthracis Lethal Activity Factor", Proc. Natl. Acad. Sci. 99, pp: 6527-9 (2002).					
	AG	ZHONG et al., "Development of an Internally Quenched Fluorescent Substrate for Escherichia Coli Leade Peptidase", Analytical Biochemistry 255, pp: 66-73 (1998).					
	AH	ROSSE et al., "Rapid Identification of Substrates for Novel Proteases Using a Combinatorial Peptide Library", J. Comb. Chem., 2, pp: 461-66 (2000).					
	AI	THOMPSON et al., "A BODIPY Fluorescent Microplate Assay for Measuring Activity of Calpains and Other Proteases", Analytical Biochemistry, 279, pp: 170-78 (2000).					
	AJ	LEVINE et al., "Measurement of Specific Protease Activity Utilizing Fluorescence Polarization", Analytical Biochemistry 247, pp: 83-88 (1997).					
	AK	SCHADE et al., "BODIPY-a-Casein, a pH-Independent Protein Substrate for Protease Assays Using Fluorescence Polarization", Analytical Biochemistry 243, pp: 1-7 (1996).					
EXAMINER					DATE CONSIDERED		
*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							